



October 3, 2011

Illinois Environmental Protection Agency  
Reporting and Financial Assurance Unit  
Bureau of Land – #33  
P.O. Box 19276  
Springfield, Illinois 62794-9276



Re: 2018080001 – Winnebago County  
Winnebago Reclamation Service  
Second Quarter 2011 Confirmed Increases

Dear Correspondent:

In accordance with the applicable conditions of the permit, a groundwater monitoring review has been conducted on the second quarter 2011 monitoring results. Parameters indicating "confirmed increases" from the Southern and Northern Units are listed in Tables 1 and 2, respectively.

The sample results from each unit well network have been reviewed pursuant to Condition VIII.13 of Permit No. 1991-138-LF, Modification No. 50. Confirmed increases will be addressed in accordance with Condition VIII.15 of the above referenced permit.

If you have any questions or require further information, please contact Mr. Tom Hilbert at (815) 963-7516. Thank you.

Sincerely,

A handwritten signature in black ink that reads "Teresa N. Sharp".

Teresa N. Sharp  
Environmental Scientist

TNS:tns:slm

Enclosures

cc: Tom Hilbert – Rock River Environmental Services  
~~Bernie Schorle~~ – US EPA Region 5



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
SOLID WASTE REPORTING FORM

This form must be used as a cover for the following list of notices and reports required by the Illinois EPA's Bureau of Land, Permit Section. All reports must be submitted to the Illinois EPA's Bureau of Land Permit Section. This form must be used for Solid Waste facilities only. Reporting for Hazardous Waste facilities should be submitted on a separate Hazardous Waste Reporting Form. All reports submitted to the Illinois EPA's Bureau of Land Permit Section must contain an original, plus a minimum of two copies.

Note: This form may NOT be used for any request to modify the permit, sampling or operating procedures. Modification requests must be submitted separately in the form of a permit application.

This form is not to be used with permit applications. Your permit will state whether the document you are submitting is required as a report or an application.

Facility Name: Winnebago Landfill - Northern and Southern Units

Site ID#: 2018080001

Check one of the following, identifying the contents of your submittal:

- |   |   |
|---|---|
| <input type="checkbox"/> LPC-160 Forms  |   |
| <input type="checkbox"/> Quarterly Groundwater Data   | <input type="checkbox"/> Semi-Annual Groundwater Data |
| <input type="checkbox"/> Quarterly Leachate Data  | <input type="checkbox"/> Semi-Annual Leachate Data    |
| <input type="checkbox"/> Annual Groundwater Data  | <input type="checkbox"/> Biennial Groundwater Data    |
| <input type="checkbox"/> Annual Leachate Data   | <input type="checkbox"/> Biennial Leachate Data       |
| <input type="checkbox"/> Annual Groundwater Flow Evaluation   | <input type="checkbox"/> Well Survey Data             |
| <input type="checkbox"/> Well Construction Forms and Boring Logs  | <input type="checkbox"/> Well Abandonment Forms       |
| <input type="checkbox"/> Notice of Observed Increase in Groundwater<br>Notice of Intent to Perform Confirmation Procedures (Re-sampling) in Groundwater |   |
| <input checked="" type="checkbox"/> Notice of Confirmed Increase of Groundwater Exceedence from Re-sample   |   |
| <input type="checkbox"/> Notice of Methane Exceedences  |   |
| <input type="checkbox"/> Annual Facility Report (per 35 Ill. Adm. Code 813.504) and Gas Monitoring Report   |   |
| <input type="checkbox"/> Annual Certifications per 35 Ill. Adm. Code 813.501  |   |
| <input type="checkbox"/> Other (identify): Not to be used for Permit Applications   |   |

**Table 1**  
**Winnebago Landfill - South Unit**  
**Second Quarter 2011 Confirmed Exceedences**

<b>Parameter</b>	<b>Units</b>	<b>2ndQtr11</b>	<b>2ndQtr11re</b>	<b>AGQS</b>	<b>Notes</b>
<b>G22D - Upgradient</b>					
# Chloride, Dissolved	mg/l	280	300	200	
<b>R11S - Upgradient</b>					
# cis-1,2-Dichloroethene	ug/l	3		5	Exceeds Preceeding (below AGQS)
Trichloroethene	ug/l	1.1	1.3	10	Exceeds Preceeding (below AGQS)
<b>R22S - Upgradient</b>					
# Chromium, dissolved	ug/L	36	29	19	
<b>R28D</b>					
# Arsenic, Dissolved	ug/l	5.6	8.1	3.801	

**Note:**

\*\* indicates exceedence has previously been addressed and approved as part of Application Log No. 2010-152 (Modification No. 46).

# indicates exceedence is currently being addressing in either pending Application Log No. 2010-373, 2010-490, or 2011-004.

**Table 2**  
**Winnebago Landfill - North Unit**  
**Second Quarter 2011 Confirmed Exceedences**

<b>Parameter</b>	<b>Units</b>	<b>2ndQtr11</b>	<b>2ndQtr11re</b>	<b>AGQS</b>	<b>Notes</b>
<b>G09D - Upgradient</b>					
# Chlorobenzene	ug/l	8.5		5	
<b>G09M - Upgradient</b>					
# Chromium, dissolved	ug/L	20	16	12	
Specific Conductance (field)	umhos	2820	2900	2386.55	
<b>G13D - Upgradient</b>					
# Chlorobenzene	ug/l	6.1		5	
# Sulfate, Dissolved	mg/l	280	300	119.5	
<b>G13S - Upgradient</b>					
# Benzene	ug/l	3.7		2.8	
# Chlorobenzene	ug/l	23		5	
# Sulfate, Dissolved	mg/l	160	190	119.5	
<b>G20D - Upgradient</b>					
** cis-1,2-Dichloroethene	ug/l	7.4		5	
<b>G51S</b>					
# Chromium, dissolved	ug/l	33	34	12	
# Total Dissolved Solids, filtered	mg/l	2000	2600	1755.8	

\*\* indicates exceedence has previously been addressed and approved as part of Application Log No. 2010-152 (Modification No. 46).

# indicates exceedence is currently being addressing in either pending Application Log No. 2010-373, 2010-490, 2011-004, or 2011-118.